```
EEEEEEEEEEEEEEEE  DDDDDDDDDD      TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEEE  DDDDDDDDDD      TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEEE  DDDDDDDDDD      TTTTTTTTTTTTTTTT
EEE               DDD      DDD           TTT
EEE               DDD      DDD           TTT
EEE               DDD      DDD           TTT
EEE               DDD      DDD           TTT
EEE               DDD      DDD           TTT
EEEEEEEEEEE       DDD      DDD           TTT
EEEEEEEEEEE       DDD      DDD           TTT
EEEEEEEEEEE       DDD      DDD           TTT
EEE               DDD      DDD           TTT
EEE               DDD      DDD           TTT
EEE               DDD      DDD           TTT
EEE               DDD      DDD           TTT
EEE               DDD      DDD           TTT
EEEEEEEEEEEEEEEE  DDDDDDDDDD             TTT
EEEEEEEEEEEEEEEE  DDDDDDDDDD             TTT
EEEEEEEEEEEEEEEE  DDDDDDDDDD             TTT
```

```
UU        UU   SSSSSSSS    SSSSSSSS  UU        UU  BBBBBBBB      SSSSSSSS
UU        UU   SSSSSSSS    SSSSSSSS  UU        UU  BBBBBBBB      SSSSSSSS
UU        UU   SS          SS        UU        UU  BB      BB    SS
UU        UU   SS          SS        UU        UU  BB      BB    SS
UU        UU   SS          SS        UU        UU  BB      BB    SS
UU        UU   SS          SS        UU        UU  BB      BB    SS
UU        UU      SSSSSS      SSSSSS  UU        UU  BBBBBBBB        SSSSSS
UU        UU      SSSSSS      SSSSSS  UU        UU  BBBBBBBB        SSSSSS
UU        UU           SS          SS  UU        UU  BB      BB            SS
UU        UU           SS          SS  UU        UU  BB      BB            SS
UU        UU           SS          SS  UU        UU  BB      BB            SS
UU        UU           SS          SS  UU        UU  BB      BB            SS
UUUUUUUUUU   SSSSSSSS    SSSSSSSS  UUUUUUUUUU  BBBBBBBB      SSSSSSSS
UUUUUUUUUU   SSSSSSSS    SSSSSSSS  UUUUUUUUUU  BBBBBBBB      SSSSSSSS


LL             IIIIII     SSSSSSSS
LL             IIIIII     SSSSSSSS
LL               II       SS
LL               II       SS
LL               II       SS
LL               II       SS
LL               II          SSSSSS
LL               II          SSSSSS
LL               II                SS
LL               II                SS
LL               II                SS
LL               II                SS
LLLLLLLLLL    IIIIII     SSSSSSSS
LLLLLLLLLL    IIIIII     SSSSSSSS
```

```
0001  0 %TITLE 'EDT$USSUBS - set up search and substitute strings'
0002  0 MODULE EDT$USSUBS (                                    ! Set up search and substitute strings
0003  0                   IDENT = 'V04-000'                    ! File: USSUBS.BLI Edit: JBS1004
0004  0                   ) =
0005  1 BEGIN
0006  1
0007  1 !*******************************************************************************
0008  1 !*                                                                             *
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0026  1 !*                                                                             *
0027  1 !*                                                                             *
0028  1 !*******************************************************************************
0029  1 !
0030  1
0031  1 !++
0032  1 ! FACILITY:     EDT -- The DEC Standard Editor
0033  1 !
0034  1 ! ABSTRACT:
0035  1 !
0036  1 !       Set up search and substitute strings.
0037  1 !
0038  1 ! ENVIRONMENT: Runs at any access mode - AST reentrant
0039  1 !
0040  1 ! AUTHOR: Bob Kushlis, CREATION DATE: February 7, 1978
0041  1 !
0042  1 ! MODIFIED BY:
0043  1 !
0044  1 ! 1-001 - Original.  DJS 19-FEB-1981.  This module was created by
0045  1 !         extracting routine EDT$$SET_SEASUBSTR  from module UTIL.
0046  1 ! 1-002 - Regularize headers and don't store into the parameter list.  JBS 11-Mar-1981
0047  1 ! 1-003 - Add an error return.  JBS 04-May-1982
0048  1 ! 1-004 - Allow 0-length substitute strings.  JBS 09-Jun-1982
0049  1 !--
0050  1
```

EDT$USSUBS   EDT$USSUBS - set up search and substitute strin 16-Sep-1984 02:01:22 VAX-11 Bliss-32 V4.0-742   Page 2
V04-000   Declarations   14-Sep-1984 12:25:24 DISK$VMSMASTER:[EDT.SRC]USSUBS.BLI;1 (2)

K 2

```
 52   0051  1  %SBTTL 'Declarations'
 53   0052  1  !
 54   0053  1  !   TABLE OF CONTENTS:
 55   0054  1  !
 56   0055  1
 57   0056  1  REQUIRE 'EDTSRC:TRAROUNAM';
 58   0495  1
 59   0496  1  FORWARD ROUTINE
 60   0497  1      EDT$$SET_SEASUBSTR;
 61   0498  1
 62   0499  1  !
 63   0500  1  !   INCLUDE FILES:
 64   0501  1  !
 65   0502  1
 66   0503  1  REQUIRE 'EDTSRC:EDTREQ';
 67   0638  1
 68   0639  1  !
 69   0640  1  !   MACROS:
 70   0641  1  !
 71   0642  1  !       NONE
 72   0643  1  !
 73   0644  1  !   EQUATED SYMBOLS:
 74   0645  1  !
 75   0646  1  !       NONE
 76   0647  1  !
 77   0648  1  !   OWN STORAGE:
 78   0649  1  !
 79   0650  1  !       NONE
 80   0651  1  !
 81   0652  1  !   EXTERNAL REFERENCES:
 82   0653  1  !
 83   0654  1  !       In the routine
```

```
  85    0655   1  %SBTTL 'EDT$$SET_SEASUBSTR - set up search and substitute strings'
  86    0656   1
  87    0657   1  GLOBAL ROUTINE EDT$$SET_SEASUBSTR (                    ! Set up search and substitute strings
  88    0658   1      SEARCH,                                           ! Address of new search string
  89    0659   1      SLEN,                                             ! Its length
  90    0660   1      SUBSTR,                                           ! Address of new substitute string
  91    0661   1      SUBLEN                                            ! Its length
  92    0662   1      ) =
  93    0663   1
  94    0664   1  !++
  95    0665   1  ! FUNCTIONAL DESCRIPTION:
  96    0666   1  !
  97    0667   1  !       Set-up the the search and substitute strings.
  98    0668   1  !
  99    0669   1  ! FORMAL PARAMETERS:
 100    0670   1  !
 101    0671   1  !  SEARCH                  Pointer to the new search string
 102    0672   1  !
 103    0673   1  !  SLEN                    Length of the search string.
 104    0674   1  !
 105    0675   1  !  SUBSTR                  Pointer to the new substitute string.
 106    0676   1  !
 107    0677   1  !  SUBLEN                  Length of substitute string.
 108    0678   1  !
 109    0679   1  ! IMPLICIT INPUTS:
 110    0680   1  !
 111    0681   1  !       EDT$$T_SUB_STR
 112    0682   1  !       EDT$$G_SUB_STRLEN
 113    0683   1  !
 114    0684   1  ! IMPLICIT OUTPUTS:
 115    0685   1  !
 116    0686   1  !       EDT$$T_SUB_STR
 117    0687   1  !       EDT$$G_SUB_STRLEN
 118    0688   1  !
 119    0689   1  ! ROUTINE VALUE:
 120    0690   1  !
 121    0691   1  !       1 = success
 122    0692   1  !       0 = invalid string
 123    0693   1  !
 124    0694   1  ! SIDE EFFECTS:
 125    0695   1  !
 126    0696   1  !       Calls EDT$$SET_SEASTR to set up the search string.
 127    0697   1  !
 128    0698   1  !--
 129    0699   1
 130    0700   2      BEGIN
 131    0701   2
 132    0702   2      EXTERNAL ROUTINE
 133    0703   2          EDT$$SET_SEASTR;
 134    0704   2
 135    0705   2      EXTERNAL
 136    0706   2          EDT$$T_SUB_STR : BLOCK [CH$ALLOCATION (64)],     ! Last substitute string.
 137    0707   2          EDT$$G_SUB_STRLEN;                              ! Length of above.
 138    0708   2
 139    0709   2      LOCAL
 140    0710   2          RET_VALUE;
 141    0711   2
```

M 2

EDT$USSUBS   EDT$USSUBS - set up search and substitute strin 16-Sep-1984 02:01:22   VAX-11 Bliss-32 V4.0-742   Page   4
V04-000   EDT$$SET_SEASUBSTR - set up search and substit 14-Sep-1984 12:25:24   DISK$VMSMASTER:[EDT.SRC]USSUBS.BLI;1   (3)

```
;  142      0712  3          IF ((.SUBLEN GEQ 0) AND (.SUBLEN LEQ 64))
;  143      0713  3          THEN
;  144      0714  3              BEGIN
;  145      0715  3              RET_VALUE = EDT$$SET_SEASTR (.SEARCH, .SLEN);
;  146      0716  3
;  147      0717  3              IF .RET_VALUE
;  148      0718  3              THEN
;  149      0719  4                  BEGIN
;  150      0720  4                  EDT$$CPY_MEM (.SUBLEN, .SUBSTR, EDT$$T_SUB_STR);
;  151      0721  4                  EDT$$G_SUB_STRLEN = .SUBLEN;
;  152      0722  4                  END;
;  153      0723  3
;  154      0724  3              END
;  155      0725  2          ELSE
;  156      0726  2              RET_VALUE = 0;
;  157      0727  2
;  158      0728  2          RETURN (.RET_VALUE);
;  159      0729  1          END;                                     ! of routine EDT$$SET_SEASUBSTR
;
;
                                                        .TITLE  EDT$USSUBS EDT$USSUBS - set up search and subst
                                                                          itute strin
                                                        .IDENT  \V04-000\

                                                        .EXTRN  EDT$$SET_SEASTR
                                                        .EXTRN  EDT$$T_SUB_STR, EDT$$G_SUB_STRLEN

                                                        .PSECT  _EDT$CODE,NOWRT,  SHR,  PIC,2

                                    00FC 00000          .ENTRY  EDT$$SET_SEASUBSTR, Save R2,R3,R4,R5,R6,R7 ; 0657
                       56    10  AC  D0 00002            MOVL    SUBLEN, R6                                 ; 0712
                               2C  19 00006             BLSS    1$
             00000040  8F     56  D1 00008              CMPL    R6, #64
                               23  14 0000F             BGTR    1$
                       7E  04 AC  7D 00011              MOVQ    SEARCH, -(SP)                              ; 0715
             00000000G 00     02  FB 00015              CALLS   #2, EDT$$SET_SEASTR
                               57  50  D0 0001C         MOVL    R0, RET_VALUE
                               57  14  E9 0001F         BLBC    RET_VALUE, 2$                              ; 0717
   00000000G 00     0C  BC  56  28 00022                MOVC3   R6, @SUBSTR, EDT$$T_SUB_STR                ; 0720
   00000000G 00             56  D0 0002B                MOVL    R6, EDT$$G_SUB_STRLEN                       ; 0721
                               02  11 00032             BRB     2$                                         ; 0712
                               57  D4 00034 1$:         CLRL    RET_VALUE                                  ; 0726
                       50      57  D0 00036 2$:         MOVL    RET_VALUE, R0                              ; 0728
                                   04 00039             RET                                                ; 0729

; Routine Size:  58 bytes,    Routine Base:  _EDT$CODE + 0000

;  160      0730  1
;  161      0731  1 !<BLF/PAGE>
```

```
EDT$USSUBS      EDT$USSUBS - set up search and substitute strin 16-Sep-1984 02:01:22   VAX-11 Bliss-32 V4.0-742        Page  5
V04-000         EDT$$SET_SEASUBSTR  - set up search and substit 14-Sep-1984 12:25:24   DISK$VMSMASTER:[EDT.SRC]USSUBS.BLI;1    (4)
```

```
; 163      0732 1 END                                                        ! of module EDT$USSUBS
; 164      0733 1
; 165      0734 0 ELUDOM
```

```
;                          PSECT SUMMARY

;
;        Name                      Bytes                           Attributes
;
; _EDT$CODE                          58  NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)
```

```
;                          Library Statistics

;
;                                    -------- Symbols --------    Pages    Processing
;        File                         Total  Loaded   Percent    Mapped    Time
;
; _$255$DUA28:[EDT.SRC]EDT.L32;1        377      0         0       40      00:00.2
; _$255$DUA28:[EDT.SRC]PSECTS.L32;1       2      1        50        7      00:00.1
```

```
;                          COMMAND QUALIFIERS

;     BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS$:USSUBS/OBJ=OBJ$:USSUBS MSRC$:USSUBS.BLI/UPDATE=(ENH$:USSUBS)

; Size:          58 code + 0 data bytes
; Run Time:         00:10.1
; Elapsed Time:     00:12.6
; Lines/CPU Min:    4382
; Lexemes/CPU-Min: 11988
; Memory Used:  61 pages
; Compilation Complete
```

VMSMSG
LIS

WFCOPLIN
LIS

USSTRING
LIS

WFSCOPY
LIS

WFDELLIN
LIS

WFGETBKT
LIS

WFOPNBUF
LIS

WFREABCK
LIS

WFREAFWD
LIS

WFSTRINS
LIS

WFAPPBKT
LIS

WFENDLNS
LIS

WFRESEQ
LIS

UGBUFFER
LIS

WFCLEAR
LIS

USSUBS
LIS

WFDELBKT
LIS

WFSPLBKT
LIS

WFLOCLIN
LIS

WFRBUKT
LIS

WFINSLIN
LIS

WFREACUR
LIS

WFREAINP
LIS

WFTOP
LIS

WFREPLIN
LIS

WFBOTTOM
LIS

WFECOPY
LIS